

Referentievlak : LAT				Delfzijl LAT=NAP-223				53.3333° N, 6.9333° O				Termunterzijl LAT=NAP-230				53.30580° N, 7.03908° O							
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
29-1	maa					3:09	65	9:30	367	15:48	62	22:06	367			3:16	65	9:37	367	15:55	62	22:13	367
30-1	din					4:25	52	10:35	375	17:01	54	23:11	382			4:32	52	10:42	375	17:08	54	23:18	382
31-1	woe					5:39	37	11:40	379	18:03	45	23:54	390			5:46	37	11:47	379	18:10	45		
1-2	don					6:36	23	12:36	377	18:56	37		0:01	390		6:43	23	12:43	377	19:03	37		
2-2	vry				0:49	395	7:26	13	13:25	373	19:44	31		0:56	395	7:33	13	13:32	373	19:51	31		
3-2	zat				1:40	396	8:11	8	14:16	369	20:24	25		1:47	396	8:18	8	14:23	369	20:31	25		
4-2	zon		5:19 EK		2:26	395	8:52	7	14:55	364	21:03	23		2:33	395	8:59	7	15:02	364	21:10	23		
5-2	maa				3:06	392	9:34	13	15:36	359	21:40	26		3:13	392	9:41	13	15:43	359	21:47	26		
6-2	din				3:45	385	10:07	25	16:17	352	22:16	36		3:52	385	10:14	25	16:24	352	22:23	36		
7-2	woe				4:26	373	10:43	43	16:51	345	22:56	53		4:33	373	10:50	43	16:58	345	23:03	53		
8-2	don				4:54	359	11:26	64	17:37	337	23:37	74		5:01	359	11:33	64	17:44	337	23:44	74		
9-2	vry				5:56	345	12:06	85	18:15	332				6:03	345	12:13	85	18:22	332				
10-2	zat					0:30	95	6:35	334	13:17	102	19:05	330			0:37	95	6:42	334	13:24	102	19:12	330
11-2	zon		1:33 VM			1:56	106	7:44	329	14:36	102	20:25	335			2:03	106	7:51	329	14:43	102	20:32	335
12-2	maa					3:16	96	9:15	333	15:42	87	22:05	350			3:23	96	9:22	333	15:49	87	22:12	350
13-2	din					4:20	78	10:30	344	16:40	72	22:56	364			4:27	78	10:37	344	16:47	72	23:03	364
14-2	woe					5:16	64	11:21	352	17:31	62	23:36	373			5:23	64	11:28	352	17:38	62	23:43	373
15-2	don					5:58	54	11:55	356	18:13	55					6:05	54	12:02	356	18:20	55		
16-2	vry				0:16	379	6:41	48	12:36	359	18:52	49		0:23	379	6:48	48	12:43	359	18:59	49		
17-2	zat				0:45	384	7:19	41	13:04	362	19:29	42		0:52	384	7:26	41	13:11	362	19:36	42		
18-2	zon		20:33 LK			1:26	388	7:56	34	13:46	364	20:03	37			1:33	388	8:03	34	13:53	364	20:10	37
19-2	maa				2:01	391	8:31	33	14:20	364	20:36	35		2:08	391	8:38	33	14:27	364	20:43	35		
20-2	din				2:30	390	9:06	36	14:44	360	21:08	37		2:37	390	9:13	36	14:51	360	21:15	37		
21-2	woe				3:11	385	9:36	43	15:26	355	21:46	40		3:18	385	9:43	43	15:33	355	21:53	40		
22-2	don				3:46	376	10:09	48	16:06	349	22:22	43		3:53	376	10:16	48	16:13	349	22:29	43		
23-2	vry				4:25	367	10:45	56	16:40	344	23:05	52		4:32	367	10:52	56	16:47	344	23:12	52		
24-2	zat				5:10	356	11:40	68	17:30	339				5:17	356	11:47	68	17:37	339				
25-2	zon					0:11	65	6:14	345	12:51	82	18:44	337			0:18	65	6:21	345	12:58	82	18:51	337
26-2	maa		15:58 NM			1:31	74	8:01	345	14:16	84	20:30	347			1:38	74	8:08	345	14:23	84	20:37	347
27-2	din					2:56	65	9:16	354	15:36	71	21:46	364			3:03	65	9:23	354	15:43	71	21:53	364
28-2	woe					4:16	47	10:26	364	16:46	55	22:50	379			4:23	47	10:33	364	16:53	55	22:57	379
1-3	don					5:26	26	11:26	370	17:49	40	23:45	388			5:33	26	11:33	370	17:56	40	23:52	388
2-3	vry					6:24	12	12:26	371	18:41	29					6:31	12	12:33	371	18:48	29		
3-3	zat				0:36	391	7:09	5	13:09	370	19:26	21		0:43	391	7:16	5	13:16	370	19:33	21		
4-3	zon				1:15	392	7:52	3	14:00	368	20:06	16		1:22	392	7:59	3	14:07	368	20:13	16		
5-3	maa		12:32 EK			1:54	390	8:29	6	14:36	365	20:43	15			2:01	390	8:36	6	14:43	365	20:50	15
6-3	din				2:46	385	9:05	13	15:06	361	21:16	18		2:53	385	9:12	13	15:13	361	21:23	18		
7-3	woe				3:16	376	9:38	27	15:36	355	21:48	29		3:23	376	9:45	27	15:43	355	21:55	29		
8-3	don				3:45	363	10:06	43	15:55	348	22:15	45		3:52	363	10:13	43	16:02	348	22:22	45		
9-3	vry				4:20	349	10:36	61	16:40	342	22:52	63		4:27	349	10:43	61	16:47	342	22:59	63		
10-3	zat				5:06	335	11:10	78	17:25	335	23:36	85		5:13	335	11:17	78	17:32	335	23:43	85		
11-3	zon				5:44	323	11:55	99	18:25	330				5:51	323	12:02	99	18:32	330				

Referentievlak : LAT				Delfzijl LAT=NAP-223					53.3333° N, 6.9333° O					Termunterzijl LAT=NAP-230					53.30580° N, 7.03908° O				
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
12-3	maa		15:54 VM			0:40	106	6:55	317	13:14	116	19:34	331			0:47	106	7:02	317	13:21	116	19:41	331
13-3	din					2:30	106	8:24	321	15:06	102	21:05	342			2:37	106	8:31	321	15:13	102	21:12	342
14-3	woe					3:46	83	10:06	335	16:06	79	22:26	359			3:53	83	10:13	335	16:13	79	22:33	359
15-3	don					4:40	61	10:55	348	17:01	61	23:04	370			4:47	61	11:02	348	17:08	61	23:11	370
16-3	vry					5:31	46	11:35	356	17:46	48	23:56	377			5:38	46	11:42	356	17:53	48		
17-3	zat					6:13	35	12:21	361	18:26	39			0:03	377	6:20	35	12:28	361	18:33	39		
18-3	zon			0:31	382	6:52	27	12:56	364	19:06	30	0:38	382	6:59	27	13:03	364	19:13	30				
19-3	maa			1:05	386	7:33	20	13:35	367	19:46	23	1:12	386	7:40	20	13:42	367	19:53	23				
20-3	din		16:58 LK	1:46	388	8:08	19	14:06	367	20:20	21	1:53	388	8:15	19	14:13	367	20:27	21				
21-3	woe			2:15	387	8:46	23	14:36	365	20:56	24	2:22	387	8:53	23	14:43	365	21:03	24				
22-3	don			2:56	381	9:19	34	15:05	361	21:31	30	3:03	381	9:26	34	15:12	361	21:38	30				
23-3	vry			3:30	372	9:53	44	15:51	356	22:06	37	3:37	372	10:00	44	15:58	356	22:13	37				
24-3	zat			4:09	360	10:31	56	16:36	349	22:55	47	4:16	360	10:38	56	16:43	349	23:02	47				
25-3	zon			6:15	346	12:21	71	18:36	343			6:22	346	12:28	71	18:43	343						
26-3	maa					0:52	61	7:26	336	13:26	87	19:35	341			0:59	61	7:33	336	13:33	87	19:42	341
27-3	din					2:16	70	8:46	337	14:56	89	21:16	350			2:23	70	8:53	337	15:03	89	21:23	350
28-3	woe		4:57 NM			3:46	58	10:06	346	16:16	72	22:36	364			3:53	58	10:13	346	16:23	72	22:43	364
29-3	don					5:00	37	11:15	357	17:31	51	23:36	376			5:07	37	11:22	357	17:38	51	23:43	376
30-3	vry					6:09	17	12:16	363	18:30	34			6:16	17	12:23	363	18:37	34				
31-3	zat			0:25	382	7:04	7	13:05	365	19:20	25	0:32	382	7:11	7	13:12	365	19:27	25				
1-4	zon			1:16	383	7:47	6	13:56	365	20:06	20	1:23	383	7:54	6	14:03	365	20:13	20				
2-4	maa			1:55	382	8:27	10	14:36	366	20:44	18	2:02	382	8:34	10	14:43	366	20:51	18				
3-4	din		20:39 EK	2:36	380	9:06	15	15:06	367	21:18	17	2:43	380	9:13	15	15:13	367	21:25	17				
4-4	woe			3:04	375	9:36	22	15:30	366	21:49	21	3:11	375	9:43	22	15:37	366	21:56	21				
5-4	don			3:46	365	10:02	33	16:05	361	22:16	31	3:53	365	10:09	33	16:12	361	22:23	31				
6-4	vry			4:16	352	10:31	45	16:36	354	22:46	44	4:23	352	10:38	45	16:43	354	22:53	44				
7-4	zat			4:55	338	10:55	57	17:06	347	23:18	58	5:02	338	11:02	57	17:13	347	23:25	58				
8-4	zon			5:14	326	11:30	69	17:34	339	23:56	74	5:21	326	11:37	69	17:41	339						
9-4	maa			6:04	316	12:15	85	18:45	333					0:03	74	6:11	316	12:22	85	18:52	333		
10-4	din					0:45	92	7:24	310	13:16	105	20:05	332			0:52	92	7:31	310	13:23	105	20:12	332
11-4	woe		8:08 VM			2:10	104	8:44	315	15:00	111	21:35	340			2:17	104	8:51	315	15:07	111	21:42	340
12-4	don					3:56	86	10:15	329	16:26	87	22:45	355			4:03	86	10:22	329	16:33	87	22:52	355
13-4	vry					4:56	60	11:20	345	17:20	64	23:36	367			5:03	60	11:27	345	17:27	64	23:43	367
14-4	zat					5:51	40	12:05	356	18:10	47			5:58	40	12:12	356	18:17	47				
15-4	zon			0:26	375	6:39	27	12:50	363	18:56	35	0:33	375	6:46	27	12:57	363	19:03	35				
16-4	maa			1:06	380	7:23	19	13:35	367	19:41	25	1:13	380	7:30	19	13:42	367	19:48	25				
17-4	din			1:46	383	8:06	13	14:16	370	20:23	18	1:53	383	8:13	13	14:23	370	20:30	18				
18-4	woe			2:26	383	8:46	13	14:50	371	21:06	14	2:33	383	8:53	13	14:57	371	21:13	14				
19-4	don		11:57 LK	3:00	381	9:26	19	15:20	370	21:43	17	3:07	381	9:33	19	15:27	370	21:50	17				
20-4	vry			3:35	374	10:00	30	15:56	367	22:21	23	3:42	374	10:07	30	16:03	367	22:28	23				
21-4	zat			4:20	365	10:39	43	16:36	364	23:01	32	4:27	365	10:46	43	16:43	364	23:08	32				
22-4	zon			5:11	354	11:22	56	17:25	359	23:48	42	5:18	354	11:29	56	17:32	359	23:55	42				

Referentievlak : LAT				Delfzijl LAT=NAP-223					53.3333° N, 6.9333° O					Termunterzijl LAT=NAP-230					53.30580° N, 7.03908° O				
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
23-4	maa			6:05	342	12:11	70	18:30	355			6:12	342	12:18	70	18:37	355						
24-4	din					0:48	53	7:26	335	13:16	83	19:47	353	0:55	53	7:33	335	13:23	83	19:54	353		
25-4	woe					2:06	57	8:36	336	14:36	83	21:06	358	2:13	57	8:43	336	14:43	83	21:13	358		
26-4	don	14:16	NM			3:26	45	9:57	343	15:56	67	22:15	367	3:33	45	10:04	343	16:03	67	22:22	367		
27-4	vry					4:36	29	11:00	353	17:06	49	23:16	373	4:43	29	11:07	353	17:13	49	23:23	373		
28-4	zat					5:46	16	12:07	358	18:09	35			5:53	16	12:14	358	18:16	35				
29-4	zon			0:16	374	6:39	12	12:43	360	18:59	28	0:23	374	6:46	12	12:50	360	19:06	28				
30-4	maa			0:50	373	7:26	15	13:25	362	19:44	27	0:57	373	7:33	15	13:32	362	19:51	27				
1-5	din			1:35	371	8:03	23	14:06	366	20:21	27	1:42	371	8:10	23	14:13	366	20:28	27				
2-5	woe			2:16	369	8:38	29	14:30	371	20:53	27	2:23	369	8:45	29	14:37	371	21:00	27				
3-5	don	4:47	EK			2:46	365	9:08	34	15:06	372			2:53	365	9:15	34	15:13	372	21:29	30		
4-5	vry					3:26	356	9:36	40	15:36	368			3:33	356	9:43	40	15:43	368	21:56	38		
5-5	zat					3:57	344	9:58	47	16:03	360			4:04	344	10:05	47	16:10	360	22:27	49		
6-5	zon					4:26	332	10:26	56	16:35	352			4:33	332	10:33	56	16:42	352	23:03	59		
7-5	maa					5:00	322	11:02	63	17:14	345			5:07	322	11:09	63	17:21	345	23:35	67		
8-5	din					5:45	314	11:42	73	18:15	340			5:52	314	11:49	73	18:22	340				
9-5	woe					0:18	77	6:55	310	12:35	87	19:20	338	0:25	77	7:02	310	12:42	87	19:27	338		
10-5	don	23:43	VM			1:26	86	8:16	314	13:51	98			1:33	86	8:23	314	13:58	98	20:47	343		
11-5	vry					2:50	80	9:36	325	15:14	91			2:57	80	9:43	325	15:21	91	21:51	353		
12-5	zat					4:05	58	10:35	340	16:32	68			4:12	58	10:42	340	16:39	68	23:02	365		
13-5	zon					5:05	38	11:30	354	17:25	50			5:12	38	11:37	354	17:32	50	23:52	374		
14-5	maa					5:59	25	12:26	363	18:23	36			6:06	25	12:33	363	18:30	36				
15-5	din			0:36	379	6:49	18	13:05	370	19:13	26	0:43	379	6:56	18	13:12	370	19:20	26				
16-5	woe			1:21	381	7:38	16	13:56	373	19:58	19	1:28	381	7:45	16	14:03	373	20:05	19				
17-5	don			2:06	379	8:23	17	14:30	375	20:46	14	2:13	379	8:30	17	14:37	375	20:53	14				
18-5	vry			2:46	374	9:06	22	15:06	375	21:29	15	2:53	374	9:13	22	15:13	375	21:36	15				
19-5	zat	2:33	LK			3:30	368	9:46	30	15:46	375			3:37	368	9:53	30	15:53	375	22:21	18		
20-5	zon					4:15	360	10:29	40	16:30	375			4:22	360	10:36	40	16:37	375	23:05	24		
21-5	maa					5:06	352	11:13	50	17:25	373			5:13	352	11:20	50	17:32	373	23:53	31		
22-5	din					6:05	345	12:02	60	18:20	371			6:12	345	12:09	60	18:27	371				
23-5	woe					0:42	38	7:11	341	13:02	69	19:26	368	0:49	38	7:18	341	13:09	69	19:33	368		
24-5	don					1:46	41	8:16	340	14:16	71			1:53	41	8:23	340	14:23	71	20:43	368		
25-5	vry	21:44	NM			2:56	37	9:36	343	15:31	63			3:03	37	9:43	343	15:38	63	21:53	368		
26-5	zat					4:08	30	10:35	349	16:35	52			4:15	30	10:42	349	16:42	52	22:57	369		
27-5	zon					5:12	25	11:35	354	17:38	42			5:19	25	11:42	354	17:45	42	23:53	367		
28-5	maa					6:09	25	12:26	358	18:33	37			6:16	25	12:33	358	18:40	37				
29-5	din			0:30	364	6:56	29	12:54	362	19:19	37	0:37	364	7:03	29	13:01	362	19:26	37				
30-5	woe			1:05	362	7:36	36	13:25	368	19:58	38	1:12	362	7:43	36	13:32	368	20:05	38				
31-5	don			1:39	361	8:11	42	14:06	375	20:33	40	1:46	361	8:18	42	14:13	375	20:40	40				
1-6	vry	14:42	EK			2:20	358	8:41	44	14:40	378			2:27	358	8:48	44	14:47	378	21:13	42		
2-6	zat					3:06	351	9:08	46	15:16	375			3:13	351	9:15	46	15:23	375	21:39	47		
3-6	zon					3:25	342	9:39	51	15:44	368			3:32	342	9:46	51	15:51	368	22:13	55		

Referentievlak : LAT				Delfzijl LAT=NAP-223				53.3333° N, 6.9333° O				Termunterzijl LAT=NAP-230				53.30580° N, 7.03908° O							
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
4-6	maa			4:16	332	10:06	57	16:26	361	22:31	61			4:23	332	10:13	57	16:33	361	22:38	61		
5-6	din			4:45	324	10:40	61	17:06	355	23:11	64			4:52	324	10:47	61	17:13	355	23:18	64		
6-6	woe			5:25	319	11:20	65	17:51	351	23:55	66			5:32	319	11:27	65	17:58	351				
7-6	don			6:04	315	12:11	71	18:45	348							0:02	66	6:11	315	12:18	71	18:52	348
8-6	vry					0:45	69	7:25	316	13:11	79	19:35	348			0:52	69	7:32	316	13:18	79	19:42	348
9-6	zat	15:10	VM			1:56	68	8:46	323	14:14	82	21:00	354			2:03	68	8:53	323	14:21	82	21:07	354
10-6	zon					3:10	57	9:51	336	15:41	70	22:06	363			3:17	57	9:58	336	15:48	70	22:13	363
11-6	maa					4:21	41	10:50	350	16:46	54	23:06	372			4:28	41	10:57	350	16:53	54	23:13	372
12-6	din					5:15	30	11:45	363	17:46	41					5:22	30	11:52	363	17:53	41		
13-6	woe			0:06	378	6:18	25	12:36	372	18:46	32			0:13	378	6:25	25	12:43	372	18:53	32		
14-6	don			0:56	379	7:12	25	13:26	378	19:41	24			1:03	379	7:19	25	13:33	378	19:48	24		
15-6	vry			1:45	377	8:03	26	14:16	381	20:31	18			1:52	377	8:10	26	14:23	381	20:38	18		
16-6	zat			2:35	371	8:49	28	14:55	383	21:17	14			2:42	371	8:56	28	15:02	383	21:24	14		
17-6	zon	13:33	LK	3:25	365	9:36	30	15:41	385	22:04	12			3:32	365	9:43	30	15:48	385	22:11	12		
18-6	maa			4:04	359	10:19	34	16:26	386	22:51	13			4:11	359	10:26	34	16:33	386	22:58	13		
19-6	din			5:00	355	11:03	38	17:16	386	23:35	17			5:07	355	11:10	38	17:23	386	23:42	17		
20-6	woe			5:44	350	11:51	45	18:10	384					5:51	350	11:58	45	18:17	384				
21-6	don					0:26	24	6:50	347	12:46	54	19:06	378			0:33	24	6:57	347	12:53	54	19:13	378
22-6	vry					1:25	34	7:50	343	13:46	63	20:06	371			1:32	34	7:57	343	13:53	63	20:13	371
23-6	zat					2:25	41	8:56	341	14:50	66	21:04	364			2:32	41	9:03	341	14:57	66	21:11	364
24-6	zon	4:31	NM			3:31	44	10:00	344	16:00	63	22:21	361			3:38	44	10:07	344	16:07	63	22:28	361
25-6	maa					4:32	44	10:55	350	17:09	56	23:15	359			4:39	44	11:02	350	17:16	56	23:22	359
26-6	din					5:35	43	11:56	358	18:06	50					5:42	43	12:03	358	18:13	50		
27-6	woe			0:06	358	6:26	44	12:36	365	18:55	46			0:13	358	6:33	44	12:43	365	19:02	46		
28-6	don			0:56	356	7:11	48	13:04	372	19:36	48			1:03	356	7:18	48	13:11	372	19:43	48		
29-6	vry			1:15	355	7:49	51	13:46	378	20:16	51			1:22	355	7:56	51	13:53	378	20:23	51		
30-6	zat			2:00	354	8:21	53	14:14	381	20:46	52			2:07	354	8:28	53	14:21	381	20:53	52		
1-7	zon	2:51	EK	2:35	351	8:52	52	14:55	381	21:18	53			2:42	351	8:59	52	15:02	381	21:25	53		
2-7	maa			3:16	346	9:26	54	15:36	377	21:52	57			3:23	346	9:33	54	15:43	377	21:59	57		
3-7	din			3:55	340	9:56	57	16:05	372	22:22	61			4:02	340	10:03	57	16:12	372	22:29	61		
4-7	woe			4:26	334	10:26	59	16:45	367	22:56	62			4:33	334	10:33	59	16:52	367	23:03	62		
5-7	don			4:55	328	11:02	59	17:14	362	23:36	61			5:02	328	11:09	59	17:21	362	23:43	61		
6-7	vry			5:46	325	11:46	61	18:00	359					5:53	325	11:53	61	18:07	359				
7-7	zat					0:21	60	6:14	323	12:36	66	18:55	356			0:28	60	6:21	323	12:43	66	19:02	356
8-7	zon					1:16	62	7:15	324	13:38	72	19:54	355			1:23	62	7:22	324	13:45	72	20:01	355
9-7	maa	6:07	VM			2:26	62	9:06	332	14:52	72	21:26	360			2:33	62	9:13	332	14:59	72	21:33	360
10-7	din					3:35	54	10:11	347	16:08	61	22:35	369			3:42	54	10:18	347	16:15	61	22:42	369
11-7	woe					4:42	44	11:10	363	17:16	49	23:36	376			4:49	44	11:17	363	17:23	49	23:43	376
12-7	don					5:49	39	12:05	376	18:26	40					5:56	39	12:12	376	18:33	40		
13-7	vry			0:36	379	6:52	37	13:00	385	19:26	29			0:43	379	6:59	37	13:07	385	19:33	29		
14-7	zat			1:30	377	7:46	34	13:56	389	20:17	20			1:37	377	7:53	34	14:03	389	20:24	20		
15-7	zon			2:25	372	8:36	31	14:40	392	21:07	12			2:32	372	8:43	31	14:47	392	21:14	12		

Referentievlak : LAT				Delfzijl LAT=NAP-223				53.3333° N, 6.9333° O				Termunterzijl LAT=NAP-230				53.30580° N, 7.03908° O							
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
16-7	maa		21:26 LK	3:16	367	9:22	28	15:31	394	21:54	7					3:23	367	9:29	28	15:38	394	22:01	7
17-7	din			4:06	363	10:06	25	16:15	395	22:36	6					4:13	363	10:13	25	16:22	395	22:43	6
18-7	woe			4:44	359	10:47	27	17:06	393	23:19	12					4:51	359	10:54	27	17:13	393	23:26	12
19-7	don			5:36	355	11:33	34	17:45	388			5:43	355	11:40	34	17:52	388						
20-7	vry					0:02	25	6:14	349	12:16	47	18:36	378			0:09	25	6:21	349	12:23	47	18:43	378
21-7	zat					0:51	42	7:10	343	13:06	63	19:25	366			0:58	42	7:17	343	13:13	63	19:32	366
22-7	zon					1:45	59	8:06	338	14:06	78	20:25	355			1:52	59	8:13	338	14:13	78	20:32	355
23-7	maa		11:45 NM			2:48	70	9:16	338	15:20	82	21:46	349			2:55	70	9:23	338	15:27	82	21:53	349
24-7	din					3:55	71	10:26	346	16:36	76	22:56	350			4:02	71	10:33	346	16:43	76	23:03	350
25-7	woe					5:00	65	11:26	358	17:36	65	23:46	354			5:07	65	11:33	358	17:43	65	23:53	354
26-7	don					5:56	59	12:10	369	18:30	57					6:03	59	12:17	369	18:37	57		
27-7	vry			0:37	355	6:46	57	12:50	376	19:18	55			0:44	355	6:53	57	12:57	376	19:25	55		
28-7	zat			1:10	355	7:26	58	13:26	380	19:53	56			1:17	355	7:33	58	13:33	380	20:00	56		
29-7	zon			1:46	354	8:06	58	13:54	383	20:31	56			1:53	354	8:13	58	14:01	383	20:38	56		
30-7	maa		17:23 EK	2:20	354	8:36	56	14:35	385	21:03	54			2:27	354	8:43	56	14:42	385	21:10	54		
31-7	din			2:56	353	9:06	54	15:10	385	21:36	54			3:03	353	9:13	54	15:17	385	21:43	54		
1-8	woe			3:25	350	9:41	55	15:46	381	22:09	58			3:32	350	9:48	55	15:53	381	22:16	58		
2-8	don			4:05	345	10:11	57	16:26	376	22:39	61			4:12	345	10:18	57	16:33	376	22:46	61		
3-8	vry			4:35	340	10:46	58	16:56	370	23:11	61			4:42	340	10:53	58	17:03	370	23:18	61		
4-8	zat			5:16	335	11:21	58	17:24	365	23:50	62			5:23	335	11:28	58	17:31	365	23:57	62		
5-8	zon			5:45	333	12:09	61	18:16	360			5:52	333	12:16	61	18:23	360						
6-8	maa					0:46	67	6:24	332	13:02	70	19:05	355			0:53	67	6:31	332	13:09	70	19:12	355
7-8	din		20:11 VM			1:46	75	7:44	334	14:12	78	20:34	354			1:53	75	7:51	334	14:19	78	20:41	354
8-8	woe					3:06	76	9:30	346	15:39	73	22:11	364			3:13	76	9:37	346	15:46	73	22:18	364
9-8	don					4:19	66	10:46	364	16:56	60	23:16	373			4:26	66	10:53	364	17:03	60	23:23	373
10-8	vry					5:26	57	11:45	381	18:09	46					5:33	57	11:52	381	18:16	46		
11-8	zat			0:16	379	6:36	49	12:46	391	19:13	32			0:23	379	6:43	49	12:53	391	19:20	32		
12-8	zon			1:16	378	7:33	41	13:36	396	20:04	20			1:23	378	7:40	41	13:43	396	20:11	20		
13-8	maa			2:10	375	8:22	33	14:26	398	20:50	12			2:17	375	8:29	33	14:33	398	20:57	12		
14-8	din			3:06	371	9:06	27	15:09	399	21:36	9			3:13	371	9:13	27	15:16	399	21:43	9		
15-8	woe		3:15 LK	3:44	367	9:47	24	15:56	397	22:16	12			3:51	367	9:54	24	16:03	397	22:23	12		
16-8	don			4:30	363	10:27	25	16:36	391	22:56	22			4:37	363	10:34	25	16:43	391	23:03	22		
17-8	vry			5:05	357	11:07	34	17:26	381	23:33	39			5:12	357	11:14	34	17:33	381	23:40	39		
18-8	zat			5:46	350	11:46	50	17:54	368			5:53	350	11:53	50	18:01	368						
19-8	zon					0:13	60	6:26	343	12:25	70	18:45	354			0:20	60	6:33	343	12:32	70	18:52	354
20-8	maa					0:56	82	7:10	338	13:16	92	19:35	343			1:03	82	7:17	338	13:23	92	19:42	343
21-8	din		20:30 NM			1:56	101	8:15	336	14:35	106	20:40	337			2:03	101	8:22	336	14:42	106	20:47	337
22-8	woe					3:16	104	9:30	341	15:58	99	22:26	340			3:23	104	9:37	341	16:05	99	22:33	340
23-8	don					4:26	91	10:56	357	17:06	82	23:31	351			4:33	91	11:03	357	17:13	82	23:38	351
24-8	vry					5:31	75	11:56	371	18:06	67					5:38	75	12:03	371	18:13	67		
25-8	zat			0:16	357	6:20	65	12:24	379	18:50	60			0:23	357	6:27	65	12:31	379	18:57	60		
26-8	zon			0:45	358	7:02	62	13:11	383	19:30	58			0:52	358	7:09	62	13:18	383	19:37	58		

Referentievlak : LAT				Delfzijl LAT=NAP-223						53.3333° N, 6.9333° O						Termunterzijl LAT=NAP-230						53.30580° N, 7.03908° O					
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
27-8	maa			1:30	359	7:41	60	13:40	385	20:08	56					1:37	359	7:48	60	13:47	385	20:15	56				
28-8	din			2:05	360	8:16	56	14:16	387	20:43	53					2:12	360	8:23	56	14:23	387	20:50	53				
29-8	woe	10:13	EK	2:35	361	8:51	52	14:50	389	21:16	51					2:42	361	8:58	52	14:57	389	21:23	51				
30-8	don			3:05	360	9:22	52	15:20	387	21:49	55					3:12	360	9:29	52	15:27	387	21:56	55				
31-8	vry			3:35	356	9:52	55	15:56	381	22:19	62					3:42	356	9:59	55	16:03	381	22:26	62				
1-9	zat			4:15	351	10:26	59	16:25	374	22:52	67					4:22	351	10:33	59	16:32	374	22:59	67				
2-9	zon			4:46	346	10:58	60	17:06	366	23:25	71					4:53	346	11:05	60	17:13	366	23:32	71				
3-9	maa			5:20	343	11:40	65	17:56	357							5:27	343	11:47	65	18:03	357						
4-9	din					0:10	79	6:11	340	12:36	76	18:50	349			0:17	79	6:18	340	12:43	76	18:57	349				
5-9	woe					1:10	92	7:20	338	13:46	88	20:25	347			1:17	92	7:27	338	13:53	88	20:32	347				
6-9	don	9:03	VM			2:30	99	9:06	348	15:16	85	21:56	357			2:37	99	9:13	348	15:23	85	22:03	357				
7-9	vry					3:55	88	10:25	367	16:35	67	23:00	370			4:02	88	10:32	367	16:42	67	23:07	370				
8-9	zat					5:09	71	11:26	384	17:56	48					5:16	71	11:33	384	18:03	48						
9-9	zon			0:06	377	6:22	56	12:26	395	18:56	31					0:13	377	6:29	56	12:33	395	19:03	31				
10-9	maa			1:06	378	7:16	44	13:15	399	19:47	23					1:13	378	7:23	44	13:22	399	19:54	23				
11-9	din			1:56	376	8:04	37	14:00	399	20:32	20					2:03	376	8:11	37	14:07	399	20:39	20				
12-9	woe			2:34	373	8:47	32	14:50	397	21:14	23					2:41	373	8:54	32	14:57	397	21:21	23				
13-9	don	8:25	LK	3:26	370	9:27	30	15:30	392	21:49	29					3:33	370	9:34	30	15:37	392	21:56	29				
14-9	vry			4:00	366	10:03	33	16:10	383	22:26	41					4:07	366	10:10	33	16:17	383	22:33	41				
15-9	zat			4:24	359	10:36	43	16:45	370	22:57	59					4:31	359	10:43	43	16:52	370	23:04	59				
16-9	zon			4:54	352	11:11	60	17:26	355	23:26	78					5:01	352	11:18	60	17:33	355	23:33	78				
17-9	maa			5:35	346	11:45	79	18:00	342							5:42	346	11:52	79	18:07	342						
18-9	din					0:02	96	6:26	340	12:26	101	18:50	331			0:09	96	6:33	340	12:33	101	18:57	331				
19-9	woe					0:46	116	7:20	337	13:26	122	20:00	326			0:53	116	7:27	337	13:33	122	20:07	326				
20-9	don	7:30	NM			2:05	132	8:24	339	15:16	123	21:30	330			2:12	132	8:31	339	15:23	123	21:37	330				
21-9	vry					3:56	119	10:05	352	16:24	101	23:05	345			4:03	119	10:12	352	16:31	101	23:12	345				
22-9	zat					4:55	95	11:20	370	17:31	79	23:50	358			5:02	95	11:27	370	17:38	79	23:57	358				
23-9	zon					5:48	77	12:06	380	18:16	66					5:55	77	12:13	380	18:23	66						
24-9	maa			0:37	363	6:32	68	12:46	384	19:01	59					0:44	363	6:39	68	12:53	384	19:08	59				
25-9	din			1:16	365	7:16	63	13:16	386	19:37	55					1:23	365	7:23	63	13:23	386	19:44	55				
26-9	woe			1:40	368	7:52	57	13:50	389	20:16	50					1:47	368	7:59	57	13:57	389	20:23	50				
27-9	don			2:16	369	8:26	51	14:26	390	20:50	49					2:23	369	8:33	51	14:33	390	20:57	49				
28-9	vry	4:53	EK	2:55	369	9:03	50	15:01	388	21:26	53					3:02	369	9:10	50	15:08	388	21:33	53				
29-9	zat			3:26	366	9:38	53	15:24	382	22:00	63					3:33	366	9:45	53	15:31	382	22:07	63				
30-9	zon			3:45	362	10:12	59	16:05	374	22:29	72					3:52	362	10:19	59	16:12	374	22:36	72				
1-10	maa			4:15	357	10:42	64	16:51	364	23:06	81					4:22	357	10:49	64	16:58	364	23:13	81				
2-10	din			5:06	353	11:26	71	17:46	352	23:46	92					5:13	353	11:33	71	17:53	352	23:53	92				
3-10	woe			5:55	348	12:21	83	18:39	343							6:02	348	12:28	83	18:46	343						
4-10	don					0:51	106	7:04	346	13:30	94	20:04	342			0:58	106	7:11	346	13:37	94	20:11	342				
5-10	vry	20:40	VM			2:15	114	8:40	355	15:05	88	21:36	353			2:22	114	8:47	355	15:12	88	21:43	353				
6-10	zat					3:35	100	10:06	371	16:22	67	22:46	365			3:42	100	10:13	371	16:29	67	22:53	365				
7-10	zon					4:56	79	11:05	386	17:36	48	23:56	373			5:03	79	11:12	386	17:43	48						

Referentievlak : LAT				Delfzijl LAT=NAP-223				53.3333° N, 6.9333° O				Termunterzijl LAT=NAP-230				53.30580° N, 7.03908° O									
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm				
8-10	maa					6:00	60	12:00	394	18:36	34			0:03	373	6:07	60	12:07	394	18:43	34				
9-10	din			0:39	376	6:56	49	12:50	395	19:26	31			0:46	376	7:03	49	12:57	395	19:33	31				
10-10	woe			1:35	375	7:44	44	13:36	393	20:07	35			1:42	375	7:51	44	13:43	393	20:14	35				
11-10	don			2:16	374	8:24	42	14:13	389	20:47	41			2:23	374	8:31	42	14:20	389	20:54	41				
12-10	vry	14:25	LK	2:45	373	9:04	42	15:06	383	21:23	49			2:52	373	9:11	42	15:13	383	21:30	49				
13-10	zat			3:25	371	9:36	45	15:36	373	21:52	60			3:32	371	9:43	45	15:43	373	21:59	60				
14-10	zon			3:44	366	10:09	55	16:06	360	22:21	73			3:51	366	10:16	55	16:13	360	22:28	73				
15-10	maa			4:20	360	10:39	69	16:40	346	22:51	86			4:27	360	10:46	69	16:47	346	22:58	86				
16-10	din			4:45	352	11:08	85	17:05	333	23:20	99			4:52	352	11:15	85	17:12	333	23:27	99				
17-10	woe			5:24	345	11:45	102	18:05	323					5:31	345	11:52	102	18:12	323						
18-10	don					0:00	114	6:35	340	12:35	120	19:26	318			0:07	114	6:42	340	12:42	120	19:33	318		
19-10	vry	21:12	NM			0:56	132	7:56	339	13:55	133	20:24	322			1:03	132	8:03	339	14:02	133	20:31	322		
20-10	zat					2:40	139	9:04	347	15:40	116	22:04	336			2:47	139	9:11	347	15:47	116	22:11	336		
21-10	zon					4:11	115	10:30	363	16:40	91	23:04	352			4:18	115	10:37	363	16:47	91	23:11	352		
22-10	maa					5:06	92	11:15	375	17:36	72	23:55	363			5:13	92	11:22	375	17:43	72				
23-10	din					5:56	76	12:06	383	18:18	60			0:02	363	6:03	76	12:13	383	18:25	60				
24-10	woe			0:36	370	6:39	65	12:45	387	19:02	53			0:43	370	6:46	65	12:52	387	19:09	53				
25-10	don			1:16	374	7:22	57	13:26	389	19:43	49			1:23	374	7:29	57	13:33	389	19:50	49				
26-10	vry			1:56	376	8:01	51	14:06	389	20:26	48			2:03	376	8:08	51	14:13	389	20:33	48				
27-10	zat			2:26	376	8:43	48	14:45	386	21:03	53			2:33	376	8:50	48	14:52	386	21:10	53				
28-10	zon	0:22	EK			2:55	375	8:19	50	14:10	381	20:40	63			3:02	375	8:26	50	14:17	381	20:47	63		
29-10	maa			2:30	373	8:56	57	14:55	372	21:16	74			2:37	373	9:03	57	15:02	372	21:23	74				
30-10	din			3:11	370	9:36	64	15:35	362	21:51	84			3:18	370	9:43	64	15:42	362	21:58	84				
31-10	woe			4:06	365	10:22	72	16:30	351	22:36	96			4:13	365	10:29	72	16:37	351	22:43	96				
1-11	don			4:56	361	11:16	82	17:46	342	23:36	108			5:03	361	11:23	82	17:53	342	23:43	108				
2-11	vry			6:06	359	12:26	88	19:07	342					6:13	359	12:33	88	19:14	342						
3-11	zat					0:57	113	7:26	364	13:47	81	20:26	349			1:04	113	7:33	364	13:54	81	20:33	349		
4-11	zon	6:23	VM			2:16	100	8:41	374	15:00	64	21:36	359			2:23	100	8:48	374	15:07	64	21:43	359		
5-11	maa					3:30	81	9:46	382	16:08	50	22:25	367			3:37	81	9:53	382	16:15	50	22:32	367		
6-11	din					4:38	65	10:46	386	17:08	43	23:15	370			4:45	65	10:53	386	17:15	43	23:22	370		
7-11	woe					5:33	55	11:30	386	17:58	44					5:40	55	11:37	386	18:05	44				
8-11	don			0:06	372	6:22	52	12:04	383	18:43	50			0:13	372	6:29	52	12:11	383	18:50	50				
9-11	vry			0:34	374	7:01	51	12:56	380	19:23	57			0:41	374	7:08	51	13:03	380	19:30	57				
10-11	zat	21:36	LK			1:10	378	7:39	53	13:25	375	19:56	63			1:17	378	7:46	53	13:32	375	20:03	63		
11-11	zon					1:46	379	8:13	56	13:54	366	20:26	70			1:53	379	8:20	56	14:01	366	20:33	70		
12-11	maa					2:15	376	8:40	64	14:29	355	20:48	76			2:22	376	8:47	64	14:36	355	20:55	76		
13-11	din					2:45	369	9:10	75	15:05	342	21:16	85			2:52	369	9:17	75	15:12	342	21:23	85		
14-11	woe					3:35	361	9:46	87	15:45	331	21:51	93			3:42	361	9:53	87	15:52	331	21:58	93		
15-11	don					4:11	354	10:18	97	16:25	323	22:31	102			4:18	354	10:25	97	16:32	323	22:38	102		
16-11	vry					4:44	347	11:02	107	17:30	318	23:16	114			4:51	347	11:09	107	17:37	318	23:23	114		
17-11	zat					6:00	344	11:54	117	18:45	319					6:07	344	12:01	117	18:52	319				
18-11	zon	12:42	NM					0:20	125	7:04	346	13:20	116	19:54	328			0:27	125	7:11	346	13:27	116	20:01	328

Referentievlak : LAT				Delfzijl LAT=NAP-223					53.3333° N, 6.9333° O					Termunterzijl LAT=NAP-230					53.30580° N, 7.03908° O					
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm			
19-11	maa					1:56	124	8:31	356	14:46	97	21:10	343			2:03	124	8:38	356	14:53	97	21:17	343	
20-11	din					3:16	103	9:30	368	15:40	75	22:16	357			3:23	103	9:37	368	15:47	75	22:23	357	
21-11	woe					4:06	82	10:26	378	16:35	60	22:55	369			4:13	82	10:33	378	16:42	60	23:02	369	
22-11	don					4:59	66	11:16	385	17:26	51	23:40	377			5:06	66	11:23	385	17:33	51	23:47	377	
23-11	vry					5:48	55	11:52	389	18:13	47					5:55	55	11:59	389	18:20	47			
24-11	zat				0:26	381	6:36	49	12:36	388	18:56	47	0:33	381	6:43	49	12:43	388	19:03	47				
25-11	zon				1:00	383	7:22	45	13:15	384	19:42	52	1:07	383	7:29	45	13:22	384	19:49	52				
26-11	maa	18:03	EK		1:41	383	8:06	45	14:01	378	20:23	59	1:48	383	8:13	45	14:08	378	20:30	59				
27-11	din				2:16	382	8:50	48	14:45	370	21:03	67	2:23	382	8:57	48	14:52	370	21:10	67				
28-11	woe				3:01	382	9:33	53	15:30	362	21:46	76	3:08	382	9:40	53	15:37	362	21:53	76				
29-11	don				3:51	380	10:19	59	16:26	353	22:36	84	3:58	380	10:26	59	16:33	353	22:43	84				
30-11	vry				4:46	376	11:12	65	17:30	347	23:32	92	4:53	376	11:19	65	17:37	347	23:39	92				
1-12	zat				5:56	372	12:12	70	18:35	344			6:03	372	12:19	70	18:42	344						
2-12	zon					0:36	97	6:55	371	13:20	69	19:57	345			0:43	97	7:02	371	13:27	69	20:04	345	
3-12	maa	16:47	VM			1:45	93	8:16	371	14:28	63	21:00	351			1:52	93	8:23	371	14:35	63	21:07	351	
4-12	din					3:01	82	9:15	373	15:36	58	22:00	358			3:08	82	9:22	373	15:43	58	22:07	358	
5-12	woe					4:09	70	10:16	374	16:38	54	22:49	364			4:16	70	10:23	374	16:45	54	22:56	364	
6-12	don					5:05	61	11:06	374	17:33	54	23:35	369			5:12	61	11:13	374	17:40	54	23:42	369	
7-12	vry					5:58	56	11:45	372	18:20	59					6:05	56	11:52	372	18:27	59			
8-12	zat				0:16	375	6:40	56	12:15	370	18:56	64	0:23	375	6:47	56	12:22	370	19:03	64				
9-12	zon				0:35	381	7:18	58	13:00	368	19:29	68	0:42	381	7:25	58	13:07	368	19:36	68				
10-12	maa	8:51	LK		1:15	385	7:52	61	13:35	362	19:55	70	1:22	385	7:59	61	13:42	362	20:02	70				
11-12	din				1:56	384	8:26	66	14:15	354	20:26	72	2:03	384	8:33	66	14:22	354	20:33	72				
12-12	woe				2:30	379	8:56	73	14:51	345	20:56	76	2:37	379	9:03	73	14:58	345	21:03	76				
13-12	don				3:06	371	9:22	80	15:26	336	21:28	80	3:13	371	9:29	80	15:33	336	21:35	80				
14-12	vry				3:46	364	9:56	86	16:06	329	22:02	84	3:53	364	10:03	86	16:13	329	22:09	84				
15-12	zat				4:20	358	10:36	89	16:34	325	22:46	89	4:27	358	10:43	89	16:41	325	22:53	89				
16-12	zon				4:54	353	11:26	92	17:24	323	23:41	96	5:01	353	11:33	92	17:31	323	23:48	96				
17-12	maa				5:55	351	12:20	94	18:50	324			6:02	351	12:27	94	18:57	324						
18-12	din	7:30	NM			0:42	102	7:14	352	13:36	90	20:16	334			0:49	102	7:21	352	13:43	90	20:23	334	
19-12	woe					2:00	98	8:36	360	14:48	75	21:25	348			2:07	98	8:43	360	14:55	75	21:32	348	
20-12	don					3:17	82	9:35	371	15:45	60	22:16	364			3:24	82	9:42	371	15:52	60	22:23	364	
21-12	vry					4:19	64	10:35	381	16:45	50	23:05	376			4:26	64	10:42	381	16:52	50	23:12	376	
22-12	zat					5:16	53	11:31	386	17:43	46	23:56	384			5:23	53	11:38	386	17:50	46			
23-12	zon					6:13	44	12:16	385	18:33	46			0:03	384	6:20	44	12:23	385	18:40	46			
24-12	maa				0:40	388	7:06	38	13:05	381	19:26	47	0:47	388	7:13	38	13:12	381	19:33	47				
25-12	din				1:26	389	7:53	34	13:50	375	20:08	49	1:33	389	8:00	34	13:57	375	20:15	49				
26-12	woe	10:20	EK		2:06	390	8:41	31	14:36	369	20:56	50	2:13	390	8:48	31	14:43	369	21:03	50				
27-12	don				2:56	391	9:26	31	15:26	363	21:39	53	3:03	391	9:33	31	15:33	363	21:46	53				
28-12	vry				3:40	391	10:12	34	16:15	357	22:23	58	3:47	391	10:19	34	16:22	357	22:30	58				
29-12	zat				4:36	387	10:59	41	17:17	351	23:16	66	4:43	387	11:06	41	17:24	351	23:23	66				
30-12	zon				5:25	380	11:50	51	18:16	345			5:32	380	11:57	51	18:23	345						
31-12	maa					0:06	76	6:25	372	12:48	62	19:10	341			0:13	76	6:32	372	12:55	62	19:17	341	